Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\
Data File : VU036002.D
Acq On : 05 Dec 2019 18:45
Operator : JC/SP
Sample : K6132-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQR1

Quant Time: Dec 06 02:37:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	280173	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	298759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110752	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	123912	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.93	69	104984	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.59	63	142283	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	4.70	46	298046	52.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.40%			
24) Chloroform-d	5.11	84	198336	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.75	65	109923	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.77	84	388115	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.73	67	127700	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.93	98	314418	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.21	79	49574	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.68	63	237000	52.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.14%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	118351	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	116368	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	22305	0.666	ug/L #	8
13) Acetone	2.69	43	17622	3.446	ug/L	62
18) trans-1,2-Dichloroethene	3.39	96	3782	0.178	ug/L	91
19) 1,1-Dichloroethane	3.92	63	35284	0.849	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	30949	1.378	ug/L	94
34) Trichloroethene	6.58	95	2790	0.117	ug/L	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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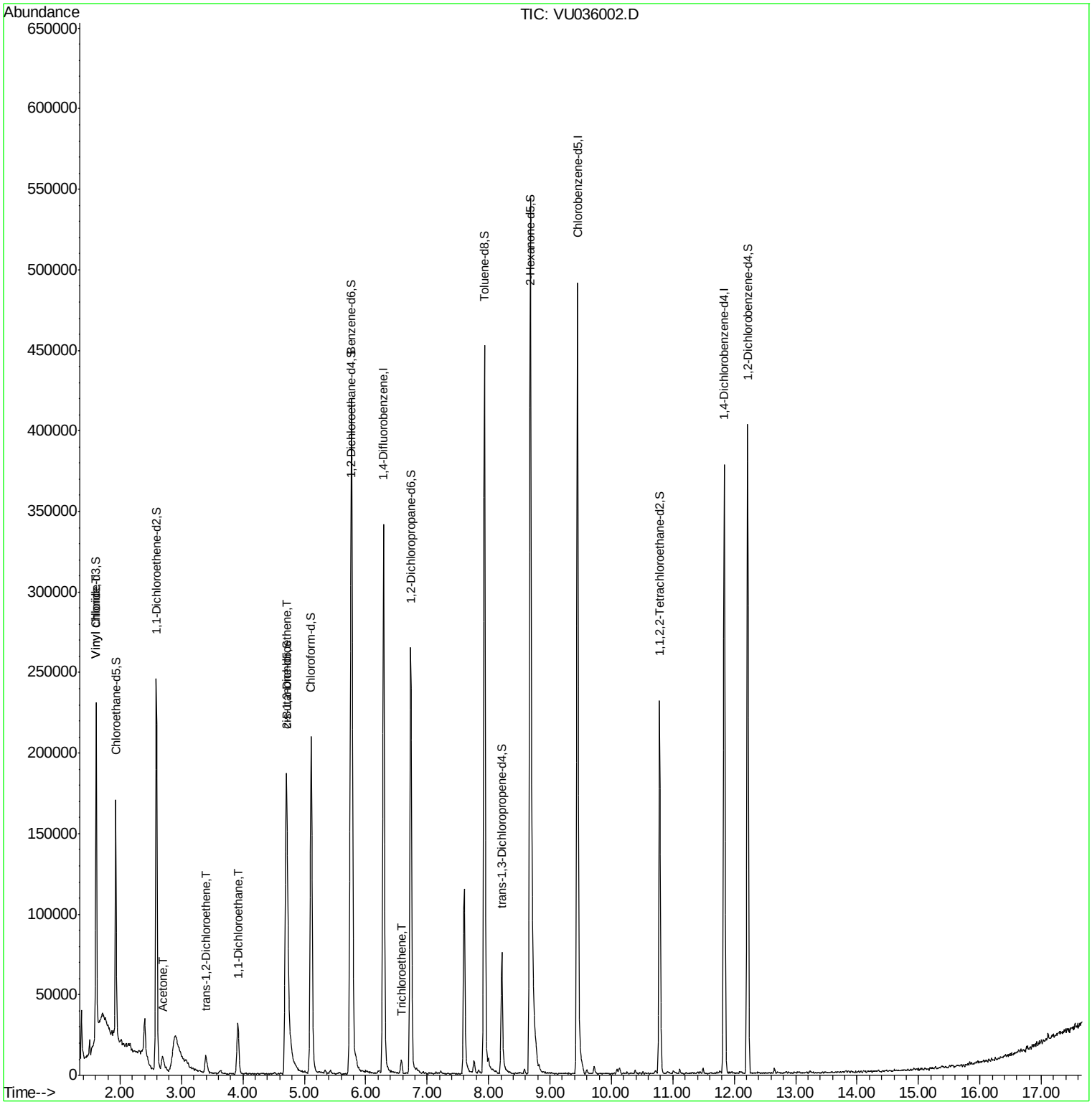
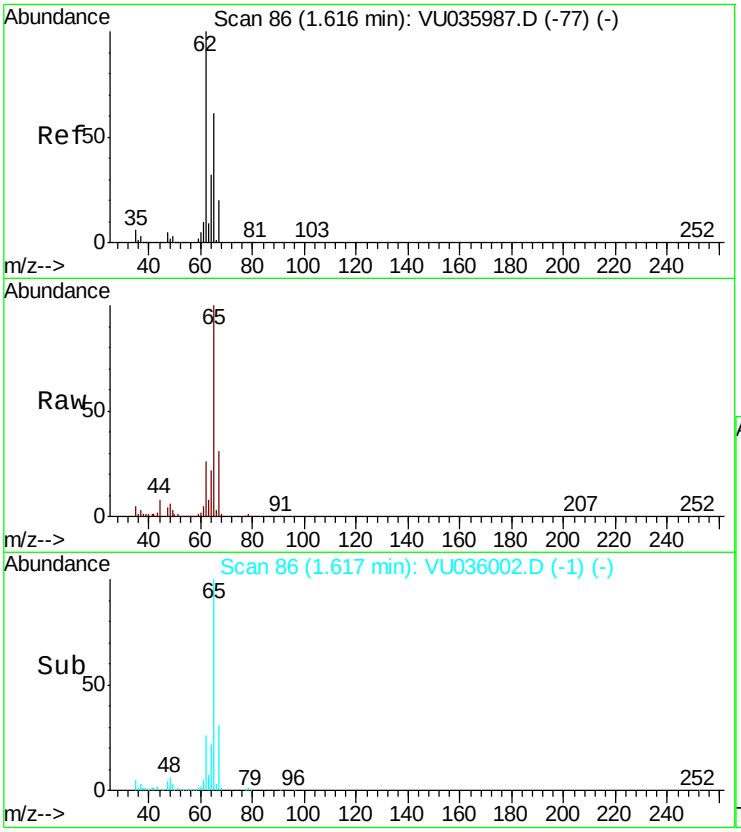


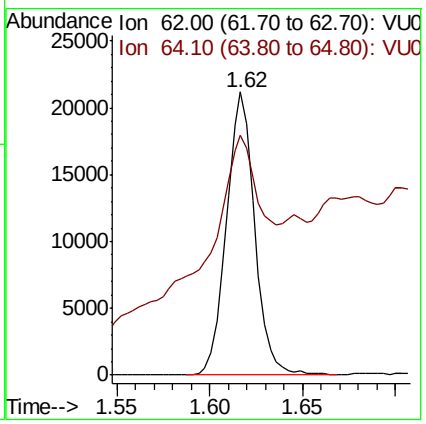


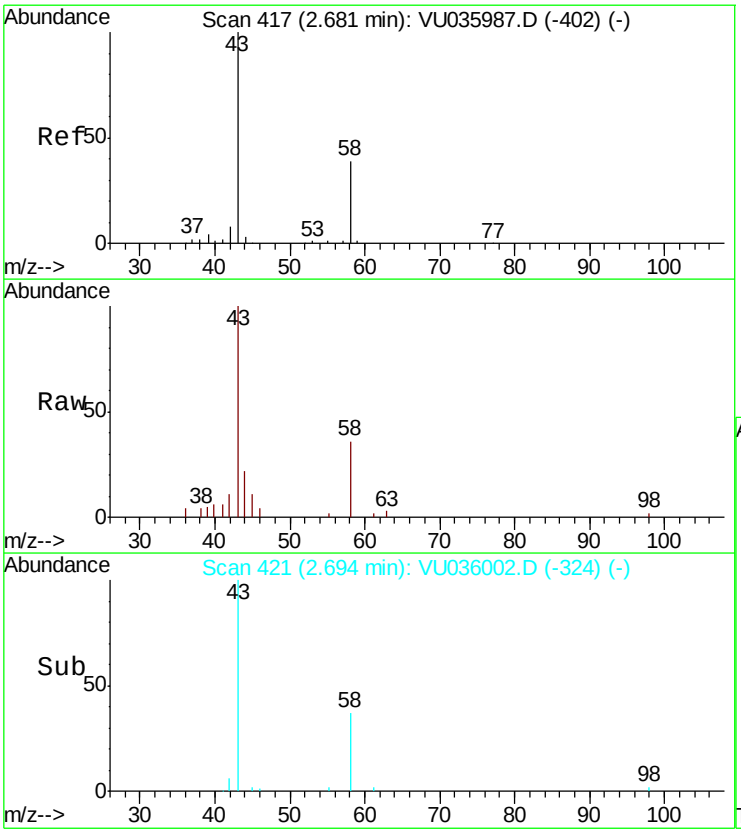
#5
Vinyl chloride
Concen: 0.666 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Instrument :
MSVOA_U
ClientSampleId :
BFQR1

Tgt Ion: 62 Resp: 22305

Ion	Ratio	Lower	Upper
62	100		
64	84.5	23.0	42.6#

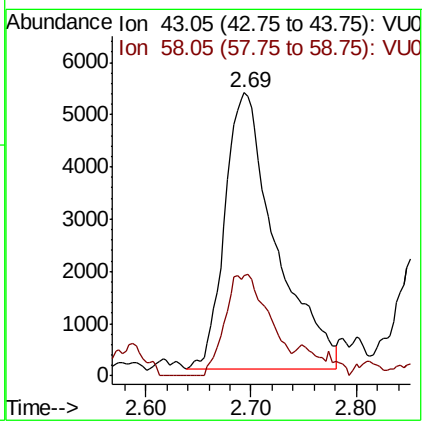


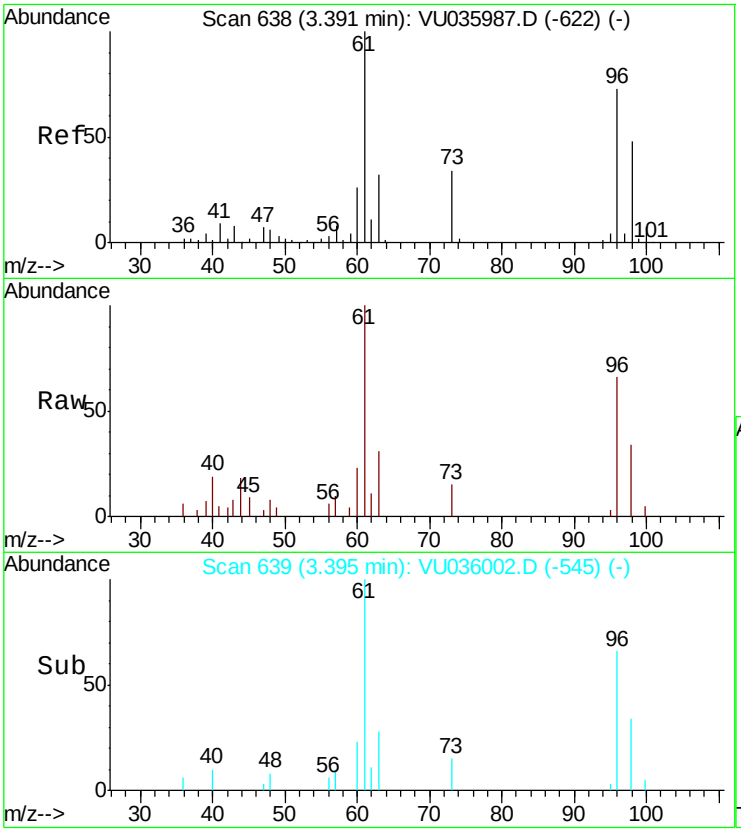


#13
Acetone
Concen: 3.446 ug/L
RT: 2.69 min Scan# 421
Delta R.T. 0.01 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Tgt Ion: 43 Resp: 17622

Ion	Ratio	Lower	Upper
43	100		
58	12.7	0.0	68.6



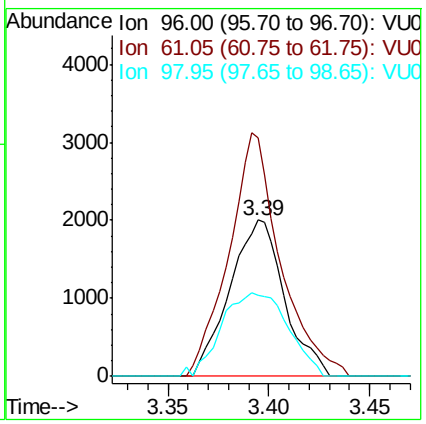


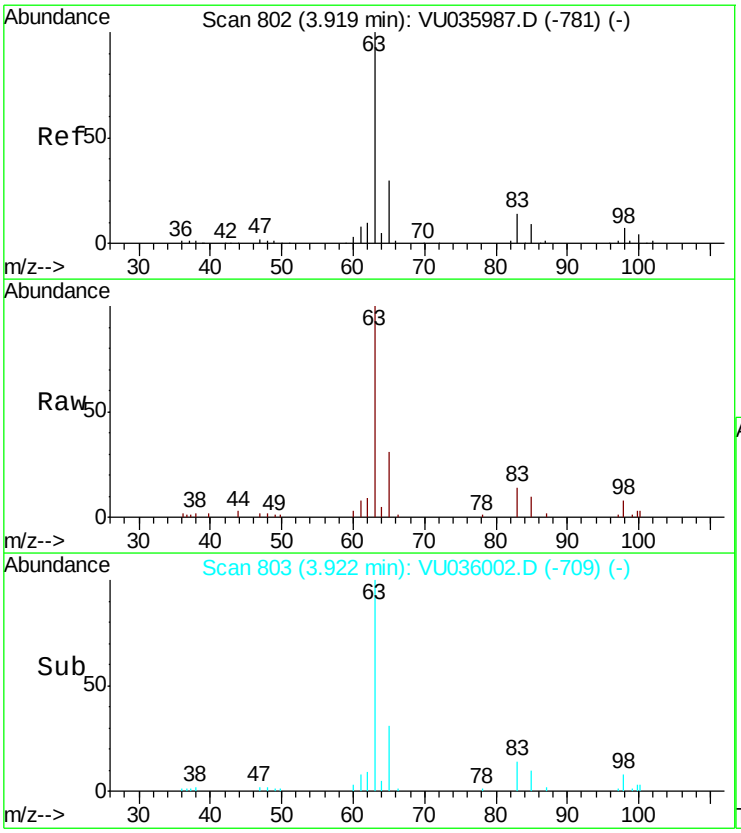
#18
trans-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Instrument :
MSVOA_U
ClientSampleId :
BFQR1

Tgt Ion: 96 Resp: 3782

Ion	Ratio	Lower	Upper
96	100		
61	152.5	101.2	187.8
98	52.1	45.0	83.6

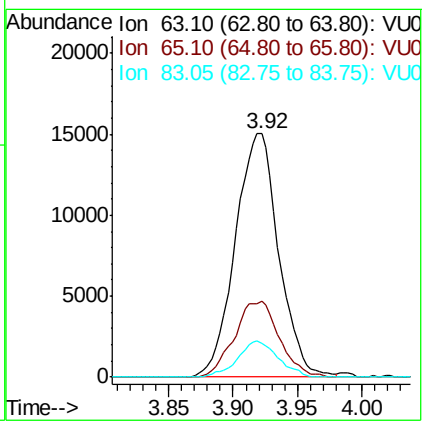


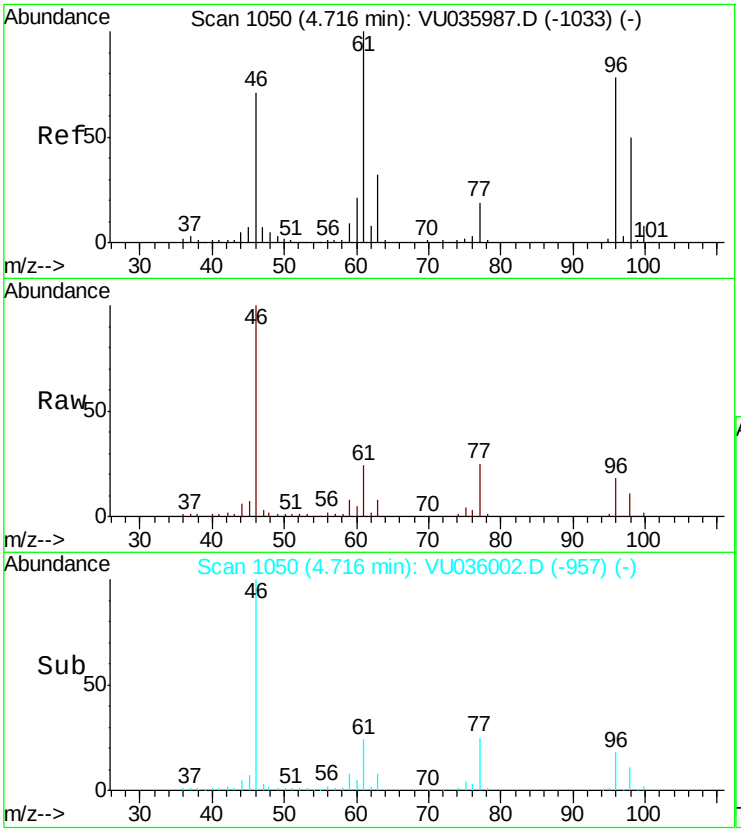


#19
1,1-Dichloroethane
Concen: 0.849 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Tgt Ion: 63 Resp: 35284

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	14.0	9.8	18.2



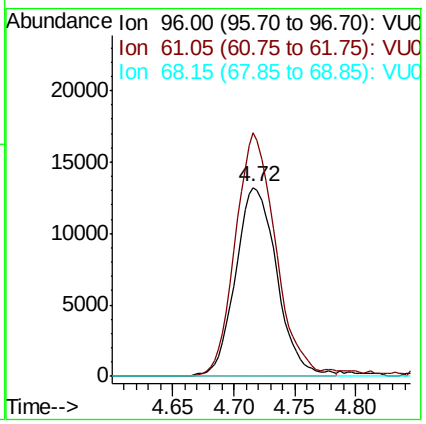


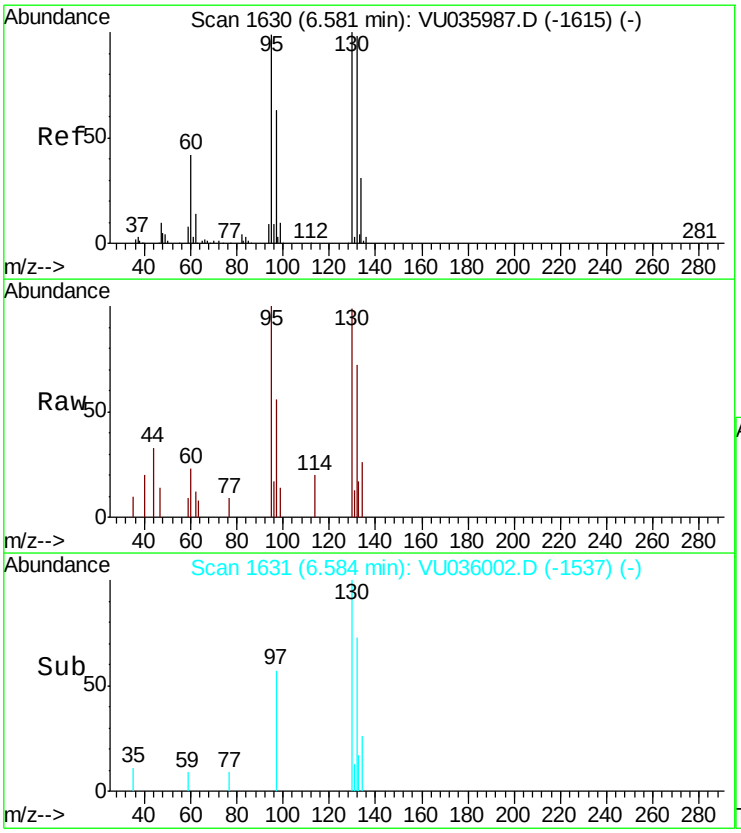
#22
cis-1,2-Dichloroethene
Concen: 1.378 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Instrument :
MSVOA_U
ClientSampleId :
BFQR1

Tgt Ion: 96 Resp: 30949

Ion	Ratio	Lower	Upper
96	100		
61	128.9	95.7	177.7
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.117 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU036002.D
Acq: 05 Dec 2019 18:45

Tgt Ion: 95 Resp: 2790

Ion	Ratio	Lower	Upper
95	100		
97	56.0	46.3	85.9
132	72.4	65.7	122.1
130	98.6	69.2	128.6